AXESS

ElDorado National
a THOR company

35 and 40 Heavy-Duty Low-Floor Bus

A New Era in Heavy-Duty Transit Has Arrived

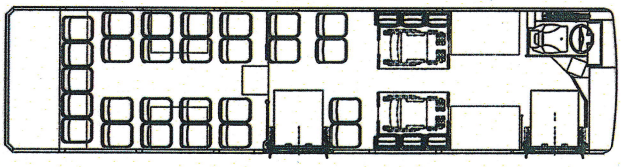
Transit agencies and airports need heavy-duty low-floor buses, but they want attractive, passenger-friendly vehicles, too!

Until now, needs and wants could not both be satisfied. Enter the Axess!

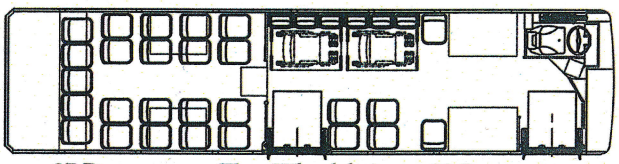
Leading edge aesthetics inside and out create an inviting environment for your passengers. And since every transportation application is unique, the Axess offers ADA-compliant wheelchair ramps at front and/or rear entry and a range of fuel choices and options for unsurpassed flexibility.

Not just another pretty face, the Axess is built in our state-of-the-art, ISO9001:2000 certified plant in Riverside, California, using only the highest-quality, transit-proven components. Unsurpassed performance at FTA's Altoona Testing Center and superior impact crash test results assure the safest environment for your passengers and years of dependable service. ***Axess — your bus has arrived!***

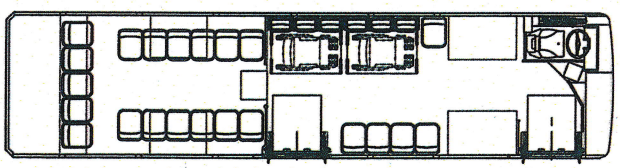
Axess 35-Foot Model



27 Passengers w/Two Wheelchairs or 33 Passengers

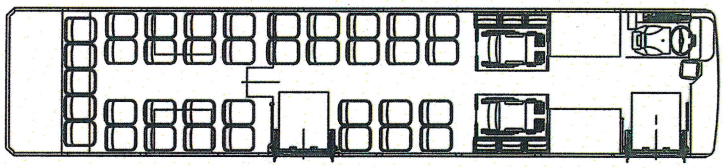


27 Passengers w/Two Wheelchairs or 33 Passengers

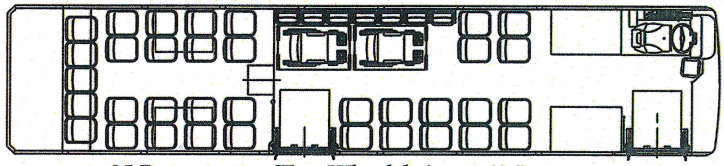


22 Passengers w/Two Wheelchairs or 28 Passengers

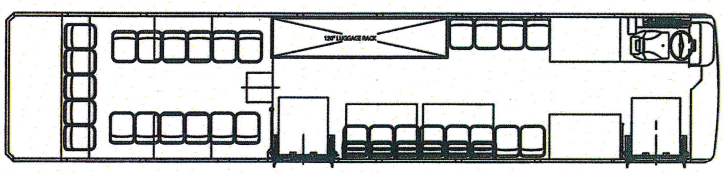
Axess 40-Foot Model



37 Passengers w/Two Wheelchairs or 43 Passengers



35 Passengers w/Two Wheelchairs or 42 Passengers



23 Passengers w/Two Wheelchairs or 29 Passengers

Floorplans may change based on seat manufacturer and model.

Technical Specifications

	Axess 35	Axess 40
GVWR	42,760 lbs. to 43,420 lbs.	42,760 lbs. to 43,420 lbs.
Body Length	35' 9.5"	40'
Body Width	102"	102"
Body Height	121.5", (124.5" w/roof HVAC), (134.5" w/CNG)	121.5", (124.5" w/roof HVAC), (134.5" w/CNG)
Interior Height	95" over front axle, 79" over rear axle	95" over front axle, 79" over rear axle
Wheelbase	213"	275"
Approach Angle	9.5°	9.5°
Breakover Angle	11.5°	9°
Departure Angle	9°	
Step Height – Front door	13.7"	
Step Height – Center door	13.7"	
Wheelchair Ramp Locations	Front and/or center doors	
Available Engines	Cummins – diesel, CNG, LNG	
AvailableTransmissions	Allison - B400, B400R	
Fuel Tank Capacity	125 gallons, (diesel)	
Passenger HVAC	Roof or rear mounted	
Front Axle	ArvinMeritor – FH946	
Rear Axle	ArvinMeritor – Series 71,000	
Brakes	S-cam drum w/automatic slack adjusters	
Tires	305/70R 22.5	
Front Door	Vapor -Slide Glide	
Rear Door	Vapor -Slide Glide	
Seating	Up to 33 passengers	Up to 43 passengers
Electrical System	I/O Controls multiplex – 24-volt	
Suspension	Air – 2 bag front axle, 4 bag rear axle	

Popular Optional Equipment

(Note: This is only a partial listing of optional equipment. For more complete information, contact your ElDorado National representative.)

HVAC
- Thermo King and Carrier passenger compartment heating and air conditioning systems
- Convector baseboard heating system
- Auxiliary coolant heating systems

Seating
- Perimeter, forward-facing and combination-seated floorplans
- Complete range of padded and vandal-resistant transit seating
- Broad line of air and mechanical-suspension driver's seats

Windows and Doors
- Tip-in transom, T-sliding transom, full-height sliding, and quick-replacement passenger windows
- Vandal-resistant barriers and tinting on passenger windows
- Center-door interlock and sensitive door edges

Paratransit
- Able to provide handicapped accessibility and meet all applicable ADA requirements
- Front and/or center door power or manual wheelchair ramps
- All support equipment such as wheelchair tie-down securements, flip seats, assist handrails, stop-request systems, etc. are available

Comfort, Appearance, & Safety
- Full range of front, side and rear electronic destination signs
- Integrated voice announcement and digital surveillance systems
- AVL/GPS systems
- Aluminum wheels
- Fire-suppression and/or methane-detection systems
- First-aid kit, fire extinguisher, roadside flares/reflectors
- RCA rubber or Altro Transflor flooring
- Full range of attractive paint schemes and custom lettering
- Motorized and heated exterior mirrors
- LED exterior lights

At ElDorado National, we constantly improve our product; as a result all specifications and dimensions are subject to change without notice.

ElDorado National
a THOR company

9670 Galena Street • Riverside, CA 92509 • (909) 591-9557

THOR AMERICA'S BEST BUS INVESTMENT

ISO 9001 CERTIFIED

Printed on recycled paper as part of ElDorado National's continuous effort to minimize waste and conserve our natural resources.

8/10